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Still moreover, various kinds of object images such as icon, dial, slide bar, pallet, etc., can be used as operation images.

Still moreover, it is possible to selectively display various kinds of operation images by the difference in the way of indication on the screen.

Various embodiments and changes may be made thereunto without departing from the broad spirit and scope of the invention. The above-described embodiment is intended to illustrate the present invention, not to limit the scope of the present invention. The scope of the present invention is shown by the attached claims rather than the embodiment. Various modifications made within the meaning of an equivalent of the claims of the invention and within the claims are to be regarded to be in the scope of the present invention.

This application is based on Japanese Patent Application No. 2001-300559 filed on Sep. 28, 2001, No. 2002-059431 filed on Mar. 5, 2002 and including specification, claims, drawings and summary. The disclosure of the above Japanese Patent Application is incorporated herein by reference in its entirety.

What is claimed is:

1. An information input and output system comprising:
 - a display device that displays an image,
 - a coordinate input device that detects coordinates of a plurality of positions indicated on a screen of the display device,
 - a storage unit that prestores one or a plurality of operation images useful as images for an operation,
 - an operation image control unit that displays, when the coordinate input device detects the coordinates of the plurality of positions indicated on the screen, an operation image stored in the storage unit at a predetermined position on the screen of the display device based on the coordinates, and
 - a detecting unit that detects moved distance and moving direction of the position indicated on the screen, wherein the operation image control unit displays a door image at a predetermined position on the screen when a plurality of positions are detected on the screen, and the operation image control unit moves the display position of the door image on the screen and displays the operation image to appear gradually from the lower portion of door in accordance with at least one of the detected moved distance and moving direction when the movement of the indicated positions is detected in a state that the door image is displayed.
2. The system of claim 1, wherein the operation image includes at least one of an icon, a dial, a slider bar, and a pallet, and the operation image control unit displays an eraser icon for erasing the image on the screen when it is detected that two points on the screen are touched.
3. The system of claim 2, wherein the storage unit registers a plurality of operation images and the operation image control unit selects an image to be displayed from the plurality of operation images to display the selected image based on a number of the indicated positions and whether the positions are simultaneously indicated or the positions are sequentially indicated.
4. The system of claim 1, wherein the operation image includes at least one of an icon, a dial, a slider bar, and a pallet, and the operation image control unit displays an image of the pallet when it is detected that three points on the screen are touched.
5. The system of claim 4, wherein the storage unit registers a plurality of operation images, and the operation

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image control unit selects an image to be displayed from the plurality of operation images to display the selected image based on a number of the indicated positions and whether the positions are simultaneously indicated or the positions are sequentially indicated.

6. The system of claim 1, wherein the storage unit registers a plurality of operation images and the operation image control unit selects an image to be displayed from the plurality of operation images to display the selected image based on a number of the indicated positions and whether the positions are simultaneously indicated or the positions are sequentially indicated.

7. A computer-readable storage medium having a computer-program recorded thereon, the computer-program causing a computer, which is connected to a display device and a coordinate input device that detects coordinates of a plurality of positions indicated on a screen of the display device, to execute steps of:

obtaining coordinates detected by the coordinate input device and

displaying an operation image, useful as an image for an operation, at a predetermined position on the screen of the display device based on the obtained coordinates, wherein the displaying step includes:

a step of displaying a door image at a predetermined position on the screen when a plurality of positions are detected on the screen, and

a step of moving, when movement of the indicated positions is detected in a state that the door image is displayed, the display position of the door image on the screen to display the operation image to appear gradually from the lower portion of door in accordance with at least one of detected moved distance and detected moving direction of the position indicated on the screen.

8. The medium of claim 7, wherein the operation image includes at least one of an icon, a dial, a slider bar, and a pallet.

9. The medium of claim 7, wherein:

a plurality of operation images are registered in a storage unit of the computer, and

the displaying step includes a step of selecting an image to be displayed from the plurality of operation images to display the selected image based on a number of the indicated positions and whether the positions are simultaneously indicated or positions are sequentially indicated.

10. A computer readable storage medium having a computer program recorded thereon, the computer program causing a computer which registers one or a plurality of operation images useful as images for an operation and display condition information relating to display conditions in connection with the one or plurality of operation images, and which is connected to a display device and a coordinate input device that detects coordinates of a plurality of positions indicated on a screen of the display device to execute step of:

obtaining coordinates of positions indicated on the screen from the coordinate input device and displaying the one or plurality of operation images using as images for an operation at a predetermined position on the screen of the display device in accordance with the display condition information when the coordinates of the plurality of positions indicated on the screen are obtained, wherein the displaying step includes a step of receiving a predetermined operation in accordance with at least one of the detected moved distance and moving